Nature Observation.

Share the passion.

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The World of Nature is Full of Variety …

… it is beautiful, mysterious – and sometimes unpredictable. The love of it, and the fascination it inspires, is common to wildlife watchers around the world. Anyone captured by its beauty finds it difficult to let go.

This applies to us at Leica, too. And that is why we are so passionate about creating the premium-quality optical instruments that enable you to enjoy your viewing experience so much. Discover the world of nature and its shy inhabitants as if they were at your fingertips, and without disturbing their natural habitats. Extend your natural powers of vision with our products and discover details that would otherwise have been forever hidden to the naked eye. Consciously. Intensely. Passionately.

On the following pages, we would like to invite you to find out more about us and our products. Products that evolved from our passion for the world of nature. Combining the highest possible quality with absolute precision and superior engineering.

Your Leica Sport Optics Team

Looking for Something Exceptional …

… you're certain to find it with Leica Sport Optics. We create our instruments for people who want to experience their environment up close, rather than from a distance. People who demand more, when others accept less.

This is what drives our process of continuous improvement. Instead of resting on our laurels, we work with cutting-edge technologies to develop innovative ideas. Our greatest challenge is nature itself: it demands our absolute respect and it forms the cornerstone of every new project.

So please browse the following pages and form your own impressions: about us, our philosophy, the way we work – and the way our equipment opens new perspectives on the world around us.

GREAT GREY OWL

Making History means …

… setting something in motion once. Shaping the future means dedicating yourself to continually starting new things every day.

Our story begins with Dr Ernst Leitz: a nature lover and passionate businessman who had a decisive influence on the development of our binoculars and still successfully shapes their character today. Leica has always been, and will continue to be, the name for new, qualitatively superior optics.

In May 1907, after three years of research and development, serial production of the first binoculars began: the Binocle 6 x 18. With a passion and enthusiasm for achieving ever-better optical performance, Leica has continued to create optical instruments of outstanding quality, right up to the present day.

Our experience, which goes back more than 100 years, has led us to a worldwide leading position in this field by way of many small steps and outstanding milestones. Now, as in the past, Leica is a synonym for superior optical and mechanical quality, for dependability, and long life.

And we do everything within our power to ensure that this will remain so in the future. Our work on tomorrow's innovative technologies is ongoing as we write the next chapter of our success story.

1907
The first serial production Leitz binoculars are delivered.

1956
The Amplivid 6 x 24 wide-angle binoculars are launched, with a field of view of 231.8 yds / 212 m at 1,093 yds / 1,000 m that remains unsurpassed today.

1958
The first binoculars to bear the name Trinovid are made (Tri Novi – 'three innovations'). Their features: slim construction, true internal focusing and superior optical performance.

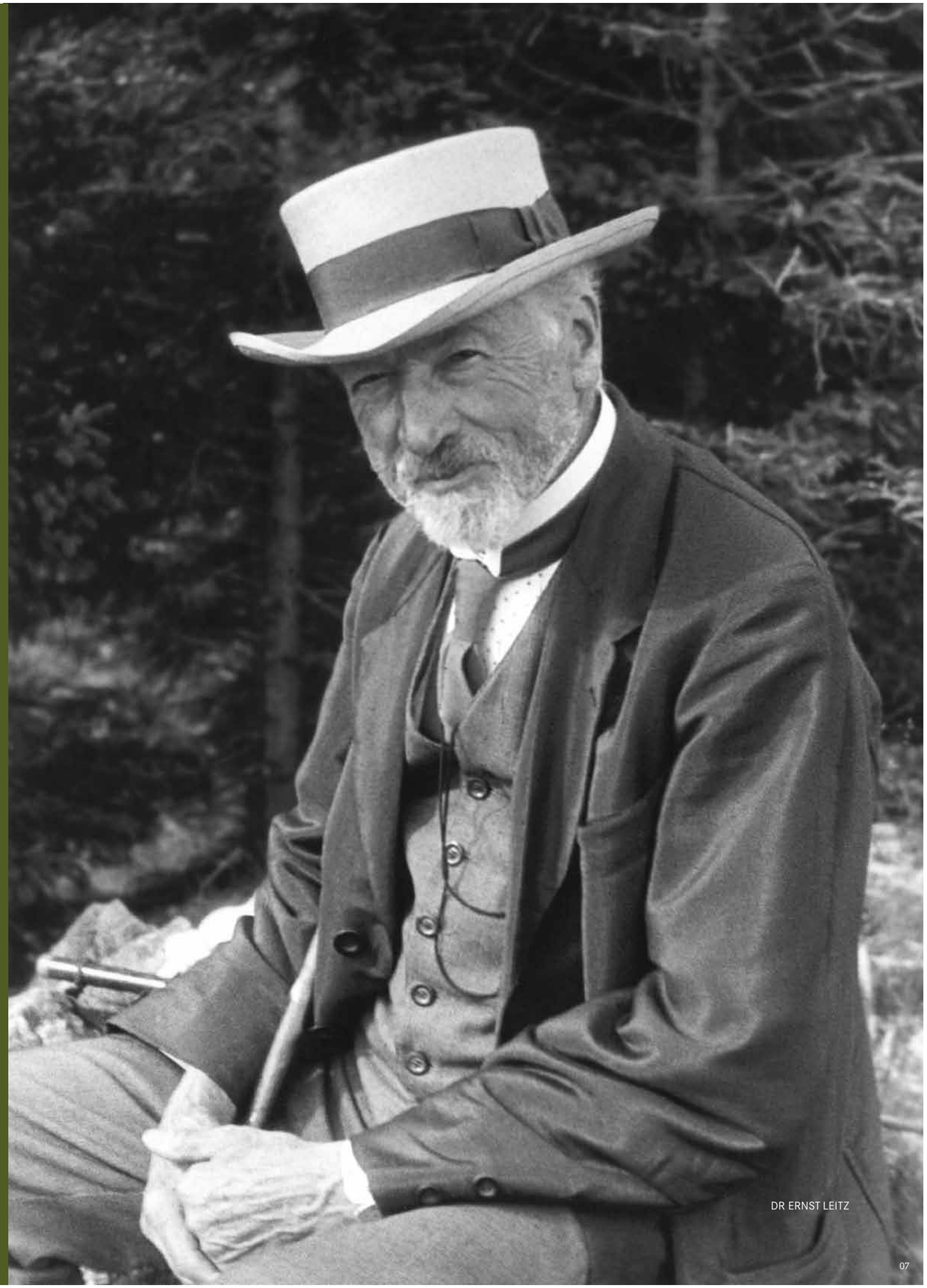
1992
The launch of the Geovid as the first binoculars with an integrated laser rangefinder makes Leica the unassailable pioneer in this segment.

2007
Ultravid HD with fluoride lenses paves the way for a new era in observation.

2009
Leica sets new standards again, now in the field of spotting scopes, with the APO-Televid.

2012
Almost indestructible and uncompromisingly high performance – the Trinovid 42 marks the return of an established Trinovid classic.

Leica has expanded its digiscoping expertise with not one, but two new cameras – the X2 and V-Lux 40 – and the Leica Photo Adapter, which allows users to mount all common well-known brands of SLR camera onto Leica APO-Televid spotting scopes.



DR ERNST LEITZ

For Us, Quality is …

… much more than a matter of mere technical excellence. You will find quality in all divisions of our company. This applies in equal measures to our manufacturing, quality assurance and customer service. Our highly motivated and dedicated workforce see to that. Because these are the people who make Leica what it is – a company founded on partnership – with a strong commitment to the preservation of individuality and personality.

Our product quality – precise and enduring

Today, as in the past, every Leica product is individually and meticulously manufactured by hand. Both the optical and mechanical components are subject to the most stringent quality standards and are carefully checked and approved by our highly skilled and experienced engineers and technicians.

The classic, timelessly elegant design of our products remains unmistakable. It expresses ruggedness and endurance in equal measure: every pair of Leica binoculars and every spotting scope can withstand extreme usage and provide decades of unrivalled high performance.

Our service quality – personal and fair

We are committed to customer service far beyond the purchase itself. This includes, for instance, a personal point of contact for each of our customers. It also includes a customer service policy oriented towards any potential needs or wishes that may arise.

PRODUCTS

To be Closer than Ever Before …

… and to experience nature with unmatched intensity: that's what Leica customers expect. We aim to create instruments that don't just meet these expectations, but surpass them. That's why we are always prepared to think outside the box. We're always striving to be one step ahead of our customers' demands. So we know what they want, and we can prioritise their wishes in every stage of development. 'We're not satisfied until our customer is.' For us, this isn't merely a platitude; it is our formula for success.

We share your passion for the world of nature. It's what inspires us and drives us, every day, to reach for new achievements. The result is a portfolio of superior-quality binoculars and spotting scopes with excellent optical performance, precisely engineered mechanical components and unmistakable craftsmanship.

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Observation Products.

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LEICA TRICA 1 with LEICA DH 1
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Like No Other Creatures …

… birds are at home in practically every element: from air, to water, to earth. The seabird draws you to the ocean's edge; the call of the songbird leads you through meadows and forests. The differences between species of birds are as fascinating as their characteristics. To identify each species precisely, or simply observe for long periods of time without disturbing your subject, Leica binoculars and spotting scopes are perfect.

Whether you're a committed birder or just a curious nature lover, on an exotic adventure or a weekend stroll: our range of binoculars is guaranteed to offer you just the right companion for your journey.

Experience an unequalled dimension of observation with your Leica Sport Optics binoculars.

HD Binoculars.
The Perfect Viewing Experience.

Anyone looking for the best in binoculars simply cannot overlook the Leica Ultravid HD models. They transform any moment into an unforgettable viewing experience and the love of detail into pure passion.

With unmatched style, these high-end binoculars reveal what today's technology makes possible: fluoride lenses ensure brilliant colour fidelity and perfect contrast, delivering unparalleled image brightness and captivating clarity. Their outstanding performance is enhanced by efficient stray-light suppression.

The focusing mechanism of Ultravid HD binoculars has a completely smooth action for reliable, fast and precise focusing. Thanks to their durable construction, they are ready for action even in the most challenging weather conditions. The central hinge axis is machined from high-tensile titanium, while the body is manufactured from ultra-lightweight magnesium. The rugged and fully waterproof Ultravid HD models are rubber-armoured to provide perfect grip. The lenses are reliably protected against water and dirt by our AquaDura® coating.

The patented twist-up eyecups with several click-stops ensure easy setting of the right eye-point and offer maximum viewing comfort for spectacle wearers.

CUTAWAY VIEW LEICA ULTRAVID 7 x 42 HD

Ultravid HD 32.
Low in Weight, Big in Performance.

Your gaze moves across the water to the opposite bank of the lake. Is that a Common Goldeneye or a Barrow's Goldeneye? Despite the great distance, your Ultravid HD 32 reveals the purplish gloss of the duck's crest: a Barrow's Goldeneye.

The Leica Ultravid HD 32 gives you the choice between 8 x magnification, for a wider view and steady image, and 10 x magnification that brings more distant objects closer. Both models share a robust construction, ergonomic design and a conveniently compact size. Thanks to their low weight, they make a first-class companion for day trips or extensive tours.

LEICA ULTRAVID 8 x 32 HD

The essential details

- comfortable viewing experience: easy to use, steady image
- stress-free viewing in daylight and early twilight
- extremely wide 404 ft / 135 m field of view for maximum terrain coverage

LEICA ULTRAVID 10 x 32 HD

The essential details

- high-detail resolution thanks to 10 x magnification
- brilliant, superbly detailed viewing experiences – particularly when viewing in daylight
- wide 352 ft / 118 m field of view

The benefits at a glance

- fatigue-free carrying and viewing, even on long and strenuous trips
- extremely compact and light in weight
- the close minimum focusing distance makes them ideal for botanists and insect observers
- uncompromising optical performance
- HD optics for optimum image brightness with constant colour neutrality
- with water and dirt repellent AquaDura® lens coating
- edge-to-edge image sharpness for precise and detailed viewing

Technical Data.

Binoculars	**Leica Ultravid 8 x 32 HD**	**Leica Ultravid 10 x 32 HD**
Order no.	40 290	40 291
Package includes	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case
Magnification	8 x	10 x
Front lens diameter	32 mm	32 mm
Exit pupil	4 mm	3.2 mm
Twilight factor	16	17.9
Field of view at 1,000 yds/m	404 ft / 135 m	352 ft / 118 m
Eye relief	13.3 mm	13.2 mm
Objective angle of view	7.7°	6.7°
Close focus range	approx. 7.2 ft / 2.1 m	approx. 6.6 ft / 2 m
Dioptre compensation	± 4 dpt	± 4 dpt
Eyepieces for eyeglass wearers	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	52 – 74 mm	52 – 74 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Dimensions (L x H x D)	4.5 x 4.5 x 2.25 in / 116 x 116 x 56 mm	4.5 x 4.5 x 2.25 in / 116 x 116 x 56 mm
Weight	approx. 18.9 oz / 535 g	approx. 19.9 oz / 565 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap

CANADA GEESE

Ultravid HD 42.
The Rugged All-rounders.

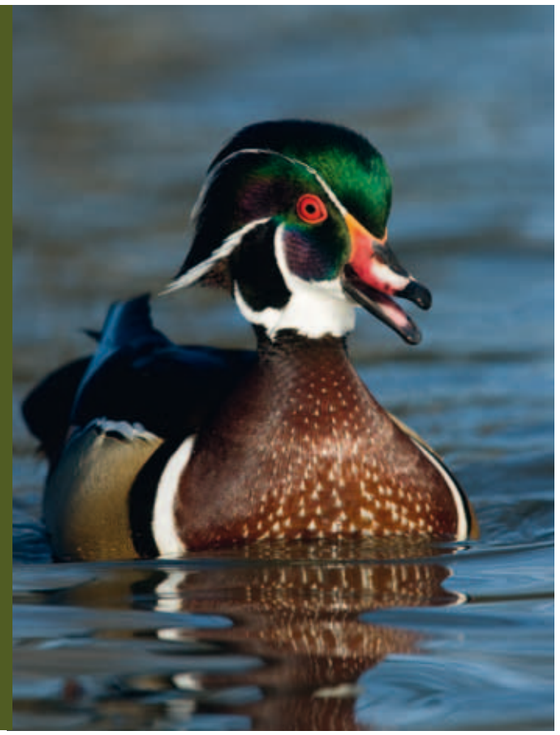
When you're getting ready for an early-morning field trip, there's only one thing you need to remember: your Ultravid HD 42. At the lake, the Wood Ducks are already on the water – their eyes wide, dabbling for food.

Thanks to ergonomically formed thumb supports on the underside, the binoculars sit comfortably and steadily in your hands. The large central focusing wheel makes it easy to achieve a sharp image, reducing fatigue when you're out in the field.

The Ultravid HD 42 models are the unbeaten all-rounders for watching birds in action. They are almost as light and convenient as the HD 32 models, while still offering image brightness that is comparable to the larger HD 50 models. Despite their compact form, their brightness makes them ideal for poor light conditions.

The benefits at a glance

- reliable all-purpose binoculars
- HD optics for optimum image brightness with constant colour neutrality
- high-contrast viewing thanks to large front lens diameter, even in unfavourable light and visibility
- with water and dirt repellent AquaDura® lens coating



LEICA ULTRAVID 7x 42 HD

The essential details

- 7x magnification guarantees a steady and detail-rich image
- very wide 420 ft / 140 m field of view lets you observe a broad area
- perfect for dawn and twilight observation
- 6 mm exit pupil: absolutely steady image for comfortable, fatigue-free viewing

LEICA ULTRAVID 8 x 42 HD

The essential details

- the all-round instrument for a wide range of conditions and uses
- high-contrast viewing in daylight and twilight, good detail resolution
- wide 389 ft / 130 m field of view

LEICA ULTRAVID 10 x 42 HD

The essential details

- ideal for daylight viewing at greater distances
- high detail resolution thanks to 10 x magnification
- broad 336 ft / 112 m field of view

Technical Data.

Binoculars	**Leica Ultravid 7 x 42 HD**	**Leica Ultravid 8 x 42 HD**	**Leica Ultravid 10 x 42 HD**
Order no.	40 292	40 293	40 294
Package includes	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case
Magnification	7 x	8 x	10 x
Front lens diameter	42 mm	42 mm	42 mm
Exit pupil	6 mm	5.2 mm	4.2 mm
Twilight factor	17.1	18.3	20.5
Field of view at 1,000 yds/m	420 ft / 140 m	389 ft / 130 m	336 ft / 112 m
Eyepiece	17 mm	15.5 mm	16 mm
Objective angle of view	8 °	7.4 °	6.4 °
Close focus range	approx. 10.8 ft / 3.3 m	approx. 9.8 ft / 3 m	approx. 9.5 ft / 2.9 m
Dioptre compensation	± 4 dpt	± 4 dpt	± 4 dpt
Eyepieces for eyeglass wearers	yes	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	55 – 75 mm	55 – 75 mm	55 – 75 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Dimensions (L x H x D)	4.75 x 5.5 x 2.5 in / 120 x 141 x 68 mm	4.75 x 5.5 x 2.5 in / 121 x 142 x 67 mm	4.75 x 5.5 x 2.5 in / 120 x 147 x 68 mm
Weight	approx. 27.2 oz / 770 g	approx. 27.9 oz / 790 g	approx. 26.5 oz / 750 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap

MALLARDS

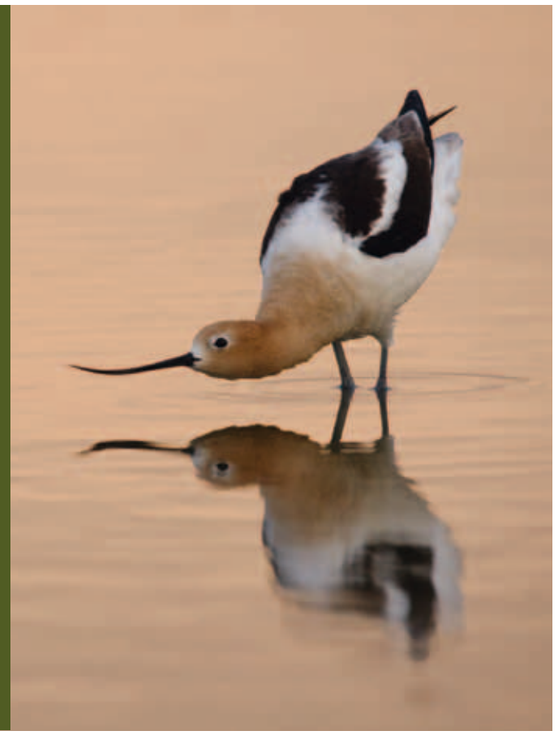
Ultravid HD 50.
A Better View in Low Light.

As the light starts to fade, observation starts to become more challenging. One after the other, you list the bird's identifying features: the long legs; the long, thin bill upturned at the end; the distinctive black-and-white plumage on the back. With your Ultravid HD 50, you can make out the cinnamon colouring of the neck and head. There's no doubt about it: it's an American Avocet.

Leica Ultravid HD 50 binoculars are particularly suited for use through the twilight hours. They offer excellent contrast and a level of image brightness that even larger-diameter binoculars cannot match. The fluoride lenses ensure crystal-clear imaging. And the improved focusing mechanism guarantees effortless and precise focusing.

The benefits at a glance

- ideal binoculars for twilight viewing
- HD optics for optimum image brightness with excellent colour neutrality
- with water and dirt repellent AquaDura® lens coating
- outstanding brightness
- weight advantage over binoculars with 56 mm objective lenses



LEICA ULTRAVID 8 x 50 HD

The essential details
- large exit pupil ensures comfortable, fatigue-free viewing
- 8 x magnification guarantees a steady viewing image with a broad field of view
- bright – well into the hours of dusk

LEICA ULTRAVID 10 x 50 HD

The essential details
- good detail resolution, even at greater distances
- ideal balance of magnification to brightness
- very good twilight performance

LEICA ULTRAVID 12 x 50 HD

The essential details
- outstanding for viewing at extreme distances
- precise recognition and identification of details
- excellent twilight performance

Technical Data.

Binoculars	**Leica Ultravid 8 x 50 HD**	**Leica Ultravid 10 x 50 HD**	**Leica Ultravid 12 x 50 HD**
Order no.	40 295	40 296	40 297
Package includes	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case
Magnification	8 x	10 x	12 x
Front lens diameter	50 mm	50 mm	50 mm
Exit pupil	6.2 mm	5 mm	4.2 mm
Twilight factor	20	22.4	24.5
Field of view at 1,000 yds/m	117 m	117 m	100 m
Eye relief	17 mm	15 mm	13 mm
Objective angle of view	6.7°	6.7°	5.7°
Close focus range	approx. 3.5 m	approx. 3.3 m	approx. 3.2 m
Dioptre compensation	± 4 dpt	± 4 dpt	± 4 dpt
Eyepieces for eyeglass wearers	yes	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	58 – 74 mm	58 – 74 mm	58 – 74 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Dimensions (L x H x D)	4.75 x 5.5 x 2.5 in / 120 x 141 x 68 mm	4.75 x 5.5 x 2.5 in / 121 x 142 x 67 mm	4.75 x 5.5 x 2.5 in / 120 x 147 x 68 mm
Weight	approx. 27.2 oz / 770 g	approx. 27.9 oz / 790 g	approx. 26.5 oz / 750 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap

SNOW GEESE

Ultravid BL 42.
Extremely Light and Powerful.

Just as the morning mist starts to lift from the silver-green water, you catch sight of a playful pair of Northern Pintails. The ducks are flying close to the surface of the water and are showing off their remarkable aerobatic skills. Thanks to your Ultravid BL 42, you can appreciate even the finest facets of their plumage, while you follow every beat of their strong wings with ease.

The Ultravid BL 42 binoculars pack maximum technical precision into a minimum of space. The large focusing barrel is very easy to use. At the same time, it offers a comfortable grip due to the leather coating and enables fast and precise adjustment of the binoculars for various viewing situations. The point of optimum focus can always be found quickly, thanks to the extremely short focusing travel of little more than one complete turn.

And thanks to their classic leather trim, Ultravid BL binoculars are not only particularly good-looking, they also weigh less than 25 oz / 700 g. This makes them the lightest 42 mm premium binoculars.

LEICA ULTRAVID 8 x 42 BL

The essential details
- the perfect all-rounder: high-contrast viewing in daylight and twilight, good detail resolution
- optimum ratio of magnification to field of view, brightness and weight
- wide 389 ft / 130 m field of view

LEICA ULTRAVID 10 x 42 BL

The essential details
- high detail resolution thanks to 10 x magnification
- ideal for daylight viewing at greater distances
- broad 336 ft / 112 m field of view

The benefits at a glance

- the established classic favourite
- the only roof prism binoculars with classically elegant leather trim
- timeless and enduring
- easy and comfortable handling

Technical Data.

Binoculars	**Leica Ultravid 8 x 42 BL**	**Leica Ultravid 10 x 42 BL**
Order no.	40 271	40 272
Package includes	contoured neoprene carrying strap, eyepiece caps, Cordura case	contoured neoprene carrying strap, eyepiece caps, Cordura case
Magnification	8 x	10 x
Front lens diameter	42 mm	42 mm
Exit pupil	5.2 mm	4.2 mm
Twilight factor	18.3	20.5
Field of view at 1,000 yds/m	389 ft / 130 m	336 ft / 112 m
Eye relief	15.5 mm	16 mm
Objective angle of view	7.4 °	6.4 °
Close focus range	approx. 9.8 ft / 3.1 m	approx. 9.5 ft / 2.95 m
Dioptre compensation	± 4 dpt	± 4 dpt
Eyepieces for eyeglass wearers	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	55 – 75 mm	55 – 75 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating	HDC® multicoating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Dimensions (L x H x D)	4.75 x 5.5 x 2.5 in / 121 x 141 x 63 mm	4.75 x 5.5 x 2.5 in / 121 x 146 x 63 mm
Weight	approx. 25 oz / 710 g	approx. 24.7 oz / 695 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap

SNOW GEESE

Ultravid BL/BR 20.
Handy and Versatile.

The two have a perfect vantage point – the branch of a sapling is the ideal perch for a pair of Red-backed Shrike to bask undisturbed in the sun. With your compact binoculars, you can even recognise the eyes of the male that are usually completely hidden in the characteristic narrow, black stripe on his grey head.

The Ultravid BL/BR 20 are the perfect companions for discerning wildlife watchers. Their extremely handy size and premium optical characteristics are particularly persuasive features. Dioptre setting is a simple matter of pressing a button. With brighter and sharper imaging characteristics than many other binoculars of this lens size category, these compact models demonstrate the superiority of the Ultravid range.

Impressive performance and good-looking, too. Both in the rubber-armoured BR version and the elegant black leather trim of the BL.

ULTRAVID 8 x 20 BL

The essential details

- the classic elegance of refined leather trim
- small and compact
- extremely low weight of only 8.1 oz / 230 g

ULTRAVID 8 x 20 BR

The essential details

- only 3.66 x 1.54 in / 93 x 39 mm in size
- 8 x magnification for steady viewing
- wide 341 ft / 113 m field of view
- full rubber armouring for maximum resilience

The benefits at a glance

- the benchmark standard for compact binoculars
- brilliant, high-contrast and pin-sharp viewing
- outstanding suppression of stray light
- nitrogen filling prevents internal fogging
- with water and dirt repellent AquaDura® lens coating
- eyepieces particularly comfortable for wearers of glasses
- focusing wheel with maximum grip
- waterproof to 5 m

Ultravid BL/BR 25.
Small Size and Great Performance.

You discover a male Common Yellowthroat, its cheerful song having attracted your attention. The sprig he's perching on trembles beneath him while he proudly displays his glowing golden throat feathers. It's simply wonderful to just sit and listen to his song and follow his movements with your compact Ultravid.

The pocketable size of the handy, take-anywhere BL/BR 25 Ultravid is just as impressive as that of the BL/BR 20. Their optimised rubber armouring makes them highly resilient and guarantees maximum protection against the often tough conditions of demanding trips.

Furthermore, their HLS® HighLux system ensures visibly improved image brightness and greater contrast. In combination with Leica's own HDC® multi-coating, this guarantees an absolutely brilliant image with outstanding colour fidelity. Waterproof to a depth of 16.5 ft / 5 m and nitrogen filling to prevent internal fogging add to the benefits of their superior performance.

These compacts are available as rubber-armoured BR and classically elegant BL versions.

The benefits at a glance

- the benchmark standard for compact binoculars
- brilliant, high-contrast and pin-sharp viewing
- extremely good stray-light suppression
- nitrogen filling prevents internal fogging
- with water and dirt repellent AquaDura® lens coating
- eyepieces particularly comfortable for wearers of glasses
- focusing wheel with maximum grip
- waterproof to 16.5 ft / 5 m
- double-hinge folding mechanism for particularly compact size

ULTRAVID 10 x 25 BL

The essential details
- the classic elegance of refined leather trim
- extremely low weight of only 8.99 oz / 255 g
- outstanding close-focusing limit of 10.5 ft / 3.2 m

ULTRAVID 10 x 25 BR

The essential details
- the high-resilience of rubber armouring
- 10 x magnification for a richly detailed view
- dimensions 4.37 x 4.40 x 1.54 in / 111 x 112 x 39 mm

Technical Data.

Binoculars	**Leica Ultravid 8 x 20 BR/BL**	**Leica Ultravid 10 x 25 BR/BL**
Order no. Rubber armoured, black Leather design, black	 40 252 (BR) 40 263 (BL)	 40 253 (BR) 40 264 (BL)
Package includes	woven carrying strap, eyepiece cover, Cordura case with belt loop (BR)/ brown leather bag (BL)	woven carrying strap, eyepiece cover, Cordura case with belt loop (BR)/ brown leather bag (BL)
Magnification	8 x	10 x
Front lens diameter	20 mm	25 mm
Exit pupil	2.5 mm	2.5 mm
Twilight factor	12.7	15.8
Field of view at 1,000 yds/m	113 m	90 m
Eye relief	15 mm	15 mm
Objective angle of view	6.5°	5.2°
Close focus range	approx. 6 ft / 1.8 m	approx. 10.5 ft / 3.2 m
Dioptre compensation	± 3.5 dpt	± 3.5 dpt
Eyepieces for eyeglass wearers	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	34 – 74 mm	34 – 74 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Dimensions (L x H x D)	4.5 x 3.5 x 1.5 in / 111 x 93 x 39 mm	4.5 x 4.5 x 1.5 in / 111 x 112 x 39 mm
Weight	approx. 8.5 oz / 8.0 oz 240 g / 230 g	approx. 9.4 oz / 9.0 oz 265 g / 255 g
Accessories (for order no. refer to pages 84 – 85)	brown leather case	brown leather case

PARTRIDGE

Trinovid Binoculars .
Absolute Dependability When You Need It.

The first Trinovid was built in 1958. The name stands for three new features (Tri Novi), namely ergonomic construction, true internal focusing and superior optical performance. Meticulous attention to details, technical know-how and the constant aim of better performance led to the consistent improvement of the Trinovid range.

There are currently two series of models, the Trinovid 42 and the Trinovid 20/25 BCA. The new Trinovid 42 binoculars mark the return of a much-sought-after classic that built itself a legendary reputation over more than 50 years of production. Both the Trinovid 8 x 42 and the Trinovid 10 x 42 offer excellent optical performance and outstanding mechanical precision. And, just like the earlier generation, the new Trinovids are also almost indestructible. Full-rubber armouring makes them incomparably resilient. When the great outdoors places such enormous demands on you and your optical equipment, a Trinovid 42 is a truly dependable companion that's always ready for use.

The Trinovid 8 x 20 BCA and 10 x 25 BCA are small, high-quality compact binoculars that are, in technical terms, comparable with many larger types of binoculars. These handy compacts are ideal in precisely those situations when space and weight are prime considerations, for instance on long trips or when travelling.

CUTAWAY VIEW LEICA TRINOVID 8 x 42

Trinovid 42.
Rugged and Dependable.

Suddenly they swarm above your head in a small clearing in the heart of the rainforest. Their bright colours glitter like precious stones in the sunlight. They flit here and there, up and down – no wonder that Humming Birds are often seen as the aerobatic artists of the avian world.

In a flash, your new Trinovid 42 brings you within a hair's breadth of their aerial ballet. In addition to their excellent optical performance, both models are also masterpieces of precision engineering, with features such as a patented multi-functional central barrel for fast and easy focusing and dioptre compensation. The eye-point can also be easily adjusted with four click-stop settings on the eyecups.

The nitrogen-filled magnesium body of the Trinovid 42 resists all environmental impacts, while the ergonomic design makes them a pleasure to hold and handle on even the longest trips.

The benefits at a glance

- excellent optical performance
- outstanding contrast and superior detail rendition
- waterproof to 16.5 ft / 5 m, so internal optical systems are protected
- HDC® multicoating ensures high image brightness
- full-rubber armouring guarantees perfect grip, secure handling and maximum resilience to impact

LEICA TRINOVID 8 x 42

The essential details

- perfect all-round binoculars
- fatigue-free viewing well into dusk
- absolutely steady image for comfortable viewing
- large depth of field provided by 8 x magnification

LEICA TRINOVID 10 x 42

The essential details

- ideal for viewing at extreme distances
- brilliant panoramic views and detailed close-range observation
- excellent low-light performance combined with compact size

Trinovid BCA.
Rugged Excellence.

A Ruby-crowned Kinglet jumps nimbly from branch to branch in the spruce above you, flicking its wings constantly. It's quite a challenge to follow this fast-moving little bird. But with your practical Leica pocket binoculars, you're able to observe its every movement effortlessly.

Functional reliability, rugged construction, high-quality optics and outstanding value for money are the key features of the Trinovid BCA.

Leica's own HDC® multicoating ensures colour fidelity and high-contrast viewing under even the most demanding conditions. These small and compact binoculars are therefore particularly suitable as a backup set.

The benefits at a glance

- outstanding optical performance in pocket-sized format
- HDC® multicoating for colour fidelity and high-contrast viewing
- non-slip rubber armouring
- lightweight, handy and splash-proof
- easily set dioptre compensation
- double-hinge folding mechanism for particularly compact size

TRINOVID 8 x 20 BCA

The essential details

- 8 x magnification for steady viewing
- wide, 341 ft / 113 m field of view
- short close-focusing limit of 3 m
- compact and light, only 3.78 x 3.62 in / 96 x 92 mm and 8.29 oz / 235 g

TRINOVID 10 x 25 BCA

The essential details

- 10 x magnification for viewing at greater distances
- excellent sharpness and contrast performance
- rugged, die-cast aluminium body shell
- 8.99 oz / 255 g-lightweight

Technical Data.

Binoculars	**Leica Trinovid 8 x 42**	**Leica Trinovid 10 x 42**	**Leica Trinovid 8 x 20 BCA**	**Leica Trinovid 10 x 25 BCA**
Order no.	40 008	40 009	40 342	40 343
Package includes	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	contoured neoprene carrying strap, front lens caps, eyepiece caps, Cordura case	carrying lanyard, Cordura case with belt loop	carrying lanyard, Cordura case with belt loop
Magnification	8 x	10 x	8 x	10 x
Front lens diameter	42 mm	42 mm	20 mm	25 mm
Exit pupil	5.3 mm	4.2 mm	2.5 mm	2.5 mm
Twilight factor	18.3	20.5	12.65	15.8
Field of view at 1,000 yds/m	380 ft / 126 m	326 ft / 108 m	341 ft / 113 m	273 ft / 90 m
Eye relief	15.5 mm	16 mm	14 mm	14.6 mm
Objective angle of view	7.2°	6.2°	6.5°	5.2°
Close focus range	approx. 11.4 ft / 5 m	approx. 11.4 ft / 5 m	approx. 9.8 ft / 3 m	approx. 16.5 ft / 5 m
Dioptre compensation	± 4 dpt	± 4 dpt	± 3.5 dpt	± 3.5 dpt
Eyepieces for eyeglass wearers	yes	yes	yes	yes
Eyecup	yes, removable, with 4 click-stops	yes, removable, with 4 click-stops	yes, extendable	yes, extendable
Adjustable interpupillary distance	55 – 75 mm	55 – 75 mm	32 – 74 mm	32 – 74 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating	HDC® multicoating	HDC® multicoating	HDC® multicoating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft	splash-proof	splash-proof
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled	aluminium	aluminium
Dimensions (L x H x D)	4.8 x 6.8 x 2.6 in / 121 x 142 x 67 mm	4.7 x 5.8 x 2.7 in / 120 x 147 x 68 mm	3.5 x 4.5 x 1.5 in / 96 x 92 x 37 mm	3.5 x 4.5 x 1.5 in / 110 x 92 x 37 mm
Weight	approx. 810 g	approx. 795 g	approx. 8.3 oz / 235 g	approx. 9.0 oz / 255 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	tripod adapter, floating carrying strap	leather case	leather case

WAXWINGS

Duovid binoculars.
Unique and Versatile.

The eggs of the Canada Goose hatched only a few days ago. She nests contentedly on the edge of the lake. From your hide, you watch her in complete silence. And suddenly your patience is rewarded: the tiny golden-yellow head of a gosling peeps out from under its mother's grey breast feathers.

For broad scanning or detailed observation, over long distances or in time-critical, low-light situations: the Duovid is always ready. Two magnification factors in one pair of binoculars guarantee extraordinary versatility – a feature unique among premium binoculars. Switching between the two levels of magnification requires just a few quick adjustments. The already-set dioptre value remains unchanged thanks to ADC®, the automatic dioptre compensation function.

The eyecups are designed on ergonomic principles and feature two click-stop settings, allowing maximum viewing comfort, even when wearing glasses.

The benefits at a glance

- two magnification options in one pair of binoculars
- ADC® automatic dioptre compensation
- outstanding image quality in all viewing situations
- separate magnification adjustment for both tubes by turning two rings
- outstanding stray-light suppression
- rigid aluminium body shell and non-slip rubber armouring for a secure grip and protection against damage

LEICA DUOVID 8 + 12 x 42

The essential details

- the handy, multi-talented binoculars – over short and long distances
- steady and stress-free viewing at 8 x magnification, superior details at 12 x magnification

LEICA DUOVID 10 + 15 x 50

The essential details

- ideal for day and night viewing at extreme distances
- offers a steady view with extreme depth of field at 10 x magnification, and pin-sharp details on the 15 x setting
- includes tripod adapter

Technical Data.

Binoculars	**Leica Duovid 8 + 12 x 42**	**Leica Duovid 10 + 15 x 50**
Order no.	40 400	40 420
Package includes	contoured neoprene carrying strap, eyepiece caps, nappa leather case	contoured neoprene carrying strap, eyepiece caps, nappa leather case
Magnification	8 x / 12 x	10 x / 15 x
Front lens diameter	42 mm	50 mm
Exit pupil	5.25 mm / 3.5 mm	5 mm / 3.3 mm
Twilight factor	18.3 / 22.5	22.5 / 27.4
Field of view at 1,000 yds/m	351 ft / 268 ft 118 m / 90 m	274 ft / 208 ft 92 m / 70 m
Eye relief	14.5 mm	14.5 mm
Objective angle of view	6.7° / 5.1°	5.3° / 4°
Close focus range	approx. 11.5 ft / 3.5 m	approx. 12.9 ft / 3.8 m
Dioptre compensation	± 3 dpt (automatic dioptre compensation ADC®)	± 3 dpt (automatic dioptre compensation ADC®)
Eyepieces for eyeglass wearers	yes	yes
Eyecup with twist-and-pull action	yes, removable, with 2 click-stops	yes, removable, with 2 click-stops
Adjustable interpupillary distance	55 – 74 mm	59 – 74 mm
Focusing	internal focusing via central focusing device	internal focusing via central focusing device
Prism system	roof prism with phase correcting coating P40 and HighLux-System HLS®	roof prism with phase correcting coating P40 and HighLux-System HLS®
Lens coating	HDC® multicoating	HDC® multicoating
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	aluminium, nitrogen-filled	aluminium, nitrogen-filled
Dimensions (L x H x D)	4.75 x 6.25 x 2.75 in / 120 x 157 x 67 mm	5 x 7.75 x 2.75 in / 126 x 195 x 67 mm
Weight	approx. 37 oz / 1,045 g	approx. 44 oz / 1,250 g
Accessories (for order no. refer to pages 84 – 85)	tripod adapter, floating carrying strap	floating carrying strap

SANDHILL CRANES

Monovid 8 x 20.
Elegant Design, Outstanding Optical Performance.

Dancing on the branch of an old oak is a delicate, agile little bird – but what exactly? With its nut-brown and rust back feathers, it is difficult to make out the handsome bird against the bark of the tree. How fortunate that you have your Monovid 8 x 20 handy, so you can observe the Chestnut-backed Chickadee more closely.

With the lightweight and easy-to-use Monovid 8 x 20, you can maintain an overview of the scene while also appreciating the finest structures and colour variations. Thanks to its detachable close-up lens, you can also study details of objects at 10 – 12 in / 25 – 30 cm, making it ideal for studying bugs and butterflies, too. Simply screw on the lens for this macro-effect view. When not in use, the lens can be safely stored in the leather case provided.

Superb quality, 8 x magnification and elegant design make the Monovid a truly impressive instrument.

LEICA MONOVID 8 x 20

The benefits at a glance

- brilliant, high-contrast and sharp images
- versatile, convenient and rugged
- weighs just 4 oz / 112 g
- nitrogen filling prevents fogging
- with water and dirt repellent AquaDura® lens coating
- waterproof to 16.5 ft / 5 m
- close-up lens enables macro effect
- all-round protection, thanks to a practical leather pop-up case with silent magnetic catch

Technical Data.

Monocular	**Leica Monovid 8 x 20**
Order no.	40 390
Package includes	Close focus lens for close-up viewing, wrist strap, eyepiece cover, carrying bag with belt loop
Magnification	8 x
Front lens diameter	20 mm
Exit pupil	2.5 mm
Twilight factor	12.7
Field of view at 1,000 yds/m	341 ft / 110 m
Eye relief	15 mm
Objective angle of view	6.3 °
Close focus range	approx. 6 ft / 1.8 m
with close-up lens	10 – 12 in / 25 – 30 cm
Eyepieces for eyeglass wearers	yes
Extendable eyecups	yes
Focusing	internal focusing via central focusing device
Lens coating	HDC® multicoating and AquaDura® coating on outer lens surfaces
Prism system	roof prism
Waterproof	watertight to a depth of 5 m / 16.5 ft
Body	aluminium, nitrogen-filled
Thread of close focus lens	M25 x 0.75
Length	97.9 mm
Length incl. close-up lens	4 in / 105 mm
External diameter	1.4 in / 35.5 mm (at focusing barrel)
Weight	4 oz / 112 g Monovid / 0.5 oz / 14 g close-up lens
Accessories Order no.	Monovid neck strap 42 330

YELLOW-RUMPED WARBLER

The Most Wonderful Moments …

… are those you always hope to capture. And yet it's natural to want to capture them forever.

Imposing, almost majestic, the raptor circles above your head. You wait impatiently. The panorama is breath-taking. The light is ideal. When on earth will the bird land on the rock over there? When can you press the shutter release to capture that once-in-a-lifetime shot?

The digiscoping system from Leica is the ideal starting point for first-class digiscoping results. Leica is the only premium optical systems manufacturer to offer everything you need for digiscoping from one brand. This means that all components are engineered for perfect mechanical and optical harmony. This also ensures it is fantastically easy to use and enables you to capture images of incomparable quality. Discover the joy of Leica digiscoping and preserve breathtaking moments for all time.

The Leica Digiscoping Kit.
A Perfect Combination.

Because of its predilection for preying on small farm birds, the Sharp-shinned Hawk is not loved by farmers. During the mating season, too, its aggression can make it unpredictable. All the more remarkable, then, that you have spotted this male sitting quietly – almost contemplatively – on a branch.

And better still: your digiscoping set is ready to capture this moment with a single click. Digiscoping has become an important tool, not only for photographing fascinating moments but also for precise identification or documentation. In order to reveal every minute detail, you need high-quality equipment.

As birds seldom stay in one place for long periods of time, there is rarely enough time to compose a shot. So it's all the more important that the spotting scope, digital camera, adapter, tripod and tripod head can be mounted swiftly and that all components fit together perfectly and quickly.

The benefits at a glance

- Leica is the world's only premium manufacturer to provide a complete professional system from one single brand
- all components are perfectly matched
- intuitive handling
- outstanding imaging results
- optical brilliance, excellent colour fidelity, maximum contrast

Digiscoping Systems.
Perfectly Prepared for the Decisive Moment.

LEICA X2

LEICA X1/X2 DIGISCOPING-ADAPTER

LEICA V-LUX 40

LEICA UNIVERSAL-DIGITAL-ADAPTER 3

LEICA PHOTO-ADAPTER
for analogue and digital SLR

LEICA APO-TELEVID 65 and 65 W/82 and 82 W
with LEICA EYEPIECE 25 x – 50 x WW ASPH.

LEICA TRICA 1 with LEICA DH 1

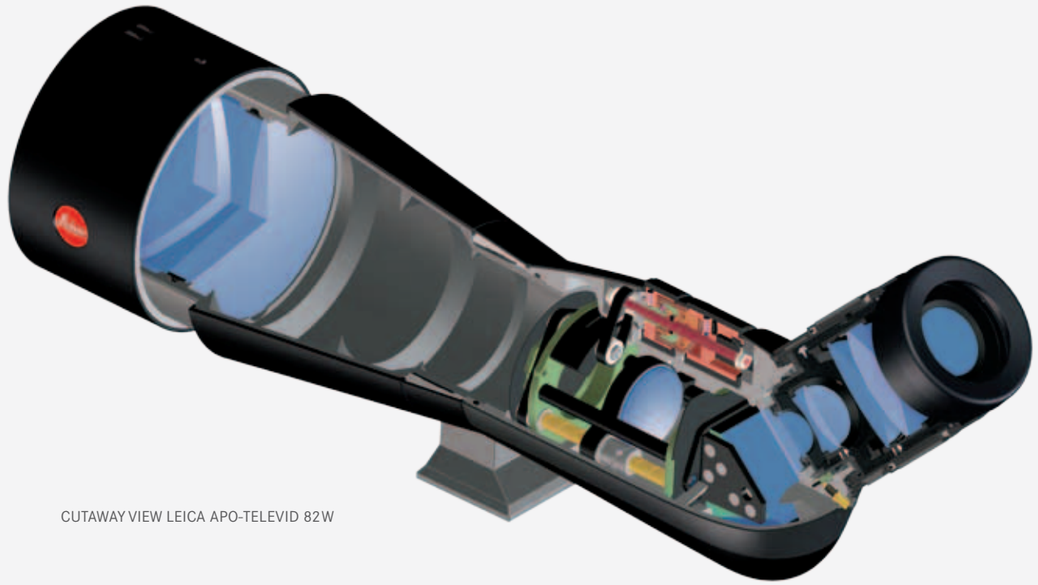
APO-Televid Spotting Scopes.
Bright and Brilliant.

The APO-Televid 65 and the APO-Televid 82 from Leica both fulfil the most stringent demands expected from a high-quality spotting scope. Each model is particularly compact and offers outstanding close-focus performance. They are robustly engineered and also offer logical and intuitive handling, attractive design and impressive optical systems.

The spotting scopes are made with an innovative fluoride-lens system that guarantees excellent colour fidelity, impressive sharpness and maximum contrast. The perfectly matched 25 x – 50 x WW ASPH. wide-angle eyepiece offers you a particularly wide field of view.

The proven Leica dual-focus system features two different focusing ratios that allow fast and precise focusing at all magnification factors. The front section of the focusing wheel is for fine focusing, while the rear section is for general focusing on your target. The mechanism is ideal for intensifying your experience of viewing from long distances.

Thanks to their rubber-armoured magnesium bodies, both scopes are exceptionally rugged and able to cope with even the most extreme weather conditions. The water and dirt repellent AquaDura® coating guarantees a constantly clear view, while the nitrogen-filled body reliably prevents fogging inside the optical system.



CUTAWAY VIEW LEICA APO-TELEVID 82 W

APO-Televid 65.
Practical and Compact.

Your gaze wanders upwards. There, looking back down at you, is a pair of glowing yellow eyes. Quickly, you get into position, moving your APO-Televid 65 to focus on the small owl. The wide face and round, white-spotted head of the Mountain Pygmy Owl are revealed in stunning detail.

The APO-Televid 65 features an innovative fluoride front lens that delivers images with excellent colour fidelity and clarity, particularly in daylight. The Leica dual-focus system with micro-focusing ensures fast, precise focusing. With an overall length of just 11.9 in / 30 cm and a weight of only 39.4 oz / 1,115 g, it is very portable, making it perfect for long field trips and when travelling. The magnesium body makes it extremely rugged, and rubber armouring ensures effective absorption of external impact to guarantee almost silent viewing.

You can look forward to first-class images – regardless of whether your subject is close to you or far away.

LEICA APO-TELEVID 65

LEICA APO-TELEVID 65 W

The benefits at a glance

- state-of-the-art fluoride-lens optical system for perfect colour fidelity and maximum contrast
- extremely handy and compact in size
- particularly short close-focusing limit of only 9.5 ft / 2.9 m
- with water and dirt repellent AquaDuraDura® coating
- rugged and silent in use, thanks to a rubber-armoured magnesium body
- Leica dual-focus system for fast and precise focusing

APO-Televid 82.
First-Class Imaging.

As if sprinkled with snowflakes, the bird's brown plumage is spotted with white feathers. A Mountain Pygmy Owl sits in the silent snow-covered landscape. He looks at you directly, as if he can see you just as clearly as you can see him. It's quite possible: he has his superb eyesight, and you have your APO-Televid 82.

This spotting scope is tailor-made for highly demanding, professional-level digiscoping. The outstanding optical performance is reflected in extremely vivid and brilliant image rendition across the entire field of view.

The apochromatic optical system of the APO-Televid 82 includes modern fluoride glass to ensure perfect optical performance. The inner optical system is additionally protected by an optically neutral covering lens. The large front-lens diameter of 82 mm delivers a richly detailed view and its enormous light-gathering performance enables viewing even in the most difficult lighting conditions.

LEICA APO-TELEVID 82

LEICA APO-TELEVID 82 W

The benefits at a glance

- state-of-the-art fluoride-lens optical system for perfect colour fidelity and maximum contrast
- 82 mm lens diameter with excellent light-gathering performance for a brilliant view, even in difficult light
- short close-focusing limit of 12.46 ft / 3.8 m
- with water and dirt repellent AquaDura® coating
- rugged and silent in use, thanks to a rubber-armoured magnesium body
- Leica dual-focus system for fast and precise focusing

Technical Data.

Spotting scope	Leica APO-Televid 65	Leica APO-Televid 82
Order no: Straight viewing	40 127	40 119
Angled viewing (45°)	40 129	40 121
Package includes	lens and bayonet caps	lens and bayonet caps
Front lens diameter	65 mm	82 mm
Focal length	approx. 17.3 in / 440 mm	approx. 17.3 in / 440 mm
Close focus range	9.4 ft / 2.9 m	approx. 12.8 ft / 3.8 m
Exit pupil and field of view	please refer to eyepiece table on page 74	please refer to eyepiece table on page 74
Focusing	internal focusing with dual-focusing function	internal focusing with dual-focusing function
Lens coating	HDC® multicoating and AquaDura® lens coating	HDC® multicoating and AquaDura® lens coating
Prism system: Straight viewing	Schmidt-Pechan-prism system	Schmidt-Pechan-prism system
Angled viewing (45°)	Schmidt prism	Schmidt prism
Waterproof	watertight to a depth of 5 m / 16.5 ft	watertight to a depth of 5 m / 16.5 ft
Body	magnesium, nitrogen-filled	magnesium, nitrogen-filled
Eyepiece attachment	quick-release bayonet	quick-release bayonet
Tripod mount	¼ in, rotating, with locking screw	¼ in, rotating, with locking screw
Lens shade	retractable, with sighting aid	retractable, with sighting aid
Front lens filter thread	E67	E82
Dimensions (L x H x D): Straight viewing	11.8 x 4.3 x 3.3 in / 288 x 108 x 83 mm	12.3 x 4.3 x 4.0 in / 313 x 108 x 101 mm
Angled viewing (45°)	11.9 x 4.3 x 3.3 in / 302 x 108 x 83 mm	12.9 x 4.3 x 4.0 in / 328 x 108 x 101 mm
Weight (without eyepiece): Straight viewing	39.4 oz / 1,115 g	53.7 oz / 1,520 g
Angled viewing (45°)	39.2 oz / 1,110 g	52.6 oz / 1,490 g
Accessories (for order no. refer to pages 84 – 85)	Ever-ready cases	Ever-ready cases

GREAT HORNED OWL

Eyepiece.
Superior field of view at all magnification factors.

Quiet, with an alert gaze, he sits on the edge of the cliff. A buzzard hunting for food. Mesmerised, you watch it through your spotting scope. A quick look at the bird's feet confirms your guess that it is indeed a Rough-legged Buzzard.

The 25 x – 50 x WW ASPH. variable wide-angle eyepiece guarantees incomparable viewing quality across the entire field of view – without any limitations, and throughout the entire zoom range. And this with a subjective field of view of up to 75 ° at 50 x magnification.

The bayonet system has an integrated, automatic eyepiece lock that attaches eyepieces quickly and securely to the spotting scope. The rubber-armoured functional components and practical rotating eyecup ensure excellent viewing comfort. Even when wearing gloves, the eyepiece can be precisely adjusted.

LEICA EYEPIECE 25 x – 50 x WW ASPH.

The benefits at a glance

- 25 to 50 x magnification
- wide-angle field of view: 123 ft / 41 m (25 x) to 84 ft / 28 m (50 x) at 1,094 yds / 1,000 m
- aspherical lenses ensure superior edge sharpness
- waterproof to a depth of 16.5 ft / 5 m
- nitrogen-filled body prevents fogging
- rotating eyecup with click-stop settings

Tripod and Tripod Head.
A Safe and Steady Platform for Precise Photography.

First you only hear its distinctive warning cry. A rattling hiss. Then you see its characteristically long legs. The Burrowing Owl is most active at dusk, but you're lucky enough to see it hunting during the day – and you're perfectly prepared to take a rare photo.

The Trica 1 tripod is constructed from light and resilient carbon fibre, with a weight of just 4.6 lb / 2.1 kg. Its maximum extended height is 68.9 in / 175 cm. At the same time, it can be quickly set up and collapsed. The matching Leica DH 1 tripod head provides a stable support for the spotting scope and camera, offering flexible movement in all directions.

A Leica balance plate is available as an optional accessory. This optimises weight distribution when a spotting scope is mounted on the tripod, and simultaneously guarantees shake-free viewing and precise photography.

LEICA TRICA 1 with LEICA DH 1

The essential details

- dimensions: max. tripod extension 68.9 in / 175 cm, min. 15.0 in / 38 cm, collapsed length 27.6 in / 70 cm
- weight: 4.6 lb / 2.1 kg
- only available as a set with the Leica DH 1 tripod head

Leica DH 1

- the fluid head can be locked in horizontal and vertical positions by lightly turning two locking knobs
- head tilt range from ± 90 °, loading capacity up to 8.8 lb / 4 kg
- manual locking can be fully compensated by setting the correct friction: the spotting scope and the camera remain in the chosen position
- the extended panning arm allows easy, precise and steady movement of the complete digiscoping system
- weight: 1.26 lb / 570 g

Technical Data.

Eyepiece	**Leica 25 x–50 x WW ASPH.**
Order no.	41 021
Package includes	eyepiece case, bayonet cap and eyepiece cap
Exit pupil: APO-Televid 65	2.6 mm (25x) –1.3 mm (50x)
APO-Televid 82	3.3 mm (25x) –1.6 mm (50x)
Field of view at 1,000 yds/m	123 ft/41 m (25 x) to 84 ft/28 m (50 x)
Subjective angle of view	57° (25 x) to 74° (50 x)
Focal length	17.9 – 9 mm (17.9 ± 0.15 to 9 ± 0.1)
Max. external diameter	2.3 in/59.5 mm
Overall length	4.1 in/105 mm, without bayonet 3.4 in/87 mm
Weight	15.3 oz/435 g

Tripod	**Leica Trica 1**
Order no.	42 223
Package includes	Leica DH 1 tripod head
Description	carbon-fibre tripod
Max. tripod extension	68.9 in/175 cm
Max. extension with DH 1	73.0 in/185.5 cm
Min. tripod height	15.0 in/38 cm
Collapsed length	27.6 in/70 cm
Weight	4.6 lb/2.1 kg

Tripod head	**Leica DH 1**
Description	compact, lightweight, low-profile fluid head in Soulid 238, fluid damping, quick-change plate with 1/4" screw mount
Panning range	360°
Tilt range	± 90°
Weight	1.26 lb/570 g
Height	3.3 in/8.5 cm
Maximum loading weight	8.8 lb/4 kg

COOPERS HAWK

Cameras and Adapters.
Perfect Tools for Brilliant Images.

In its natural tundra habitat, the Snowy Owl rarely needs to seek cover and is therefore an excellent subject for digiscoping. Motionless, seemingly thoughtful, the owl sits on a small rock – and gives you the time you need to compose your shot and capture every detail in a pin-sharp image.

Leica is the world's only premium manufacturer to offer a complete digiscoping system from one single source – with perfectly matched components and unrivalled quality. Just like our binoculars and spotting scopes, all Leica camera models are meticulously manufactured from only the finest materials to ensure absolute reliability and enduring value. In addition to their compact form, elegant design and intuitive handling, their optical and mechanical quality is without compromise.

This makes the Leica X2 and the Leica V-Lux 40, with their respective Leica adapters, the perfect tools for everyone who appreciates the fascination of nature observation.

LEICA X2

LEICA X1/X2 DIGISCOPING-ADAPTER

Leica cameras

- fast lens
- manual setting options
- high performance and versatility
- handy and compact
- simple, intuitive handling
- rugged and sturdy construction
- large, high-resolution monitor screen
- elegant design

Leica digiscoping adapters

- precisely engineered to connect scope and camera
- small and light
- secure, precise connection
- extremely easy to use

LEICA X2 with
X1/X2 DIGISCOPING-ADAPTER

LEICA V-LUX 40 with
UNIVERSAL-DIGITAL-ADAPTER 3

NEW!

LEICA PHOTO-ADAPTER

Leica X2 with
Leica X1/X2 Digiscoping-Adapter

- fixed focal length
- intuitive handling
- frame-filling view from 35 – 50 x eyepiece magnification
- fast Elmarit 24 mm f/2.8 ASPH. lens
- large, professional, APS-C CMOS image sensor enables high ISO settings
- extremely simple access to manual functions
- self-timer for shake-free exposures
- large, high-contrast, 2.7" LCD screen
- can be easily mounted on spotting scopes with the Leica X1/X2 Digiscoping-Adapter

Leica V-LUX 40 with
Leica Universal-Digital-Adapter 3

- excellent imaging quality thanks to its 1/2.33" CMOS image sensor with 15.3 MP (effective 14.1 MP)
- outstanding Leica DC Vario-Elmar 4.3 – 86 mm f/3.3 – 6.4 ASPH. lens
- particularly noise-free images at up to ISO 3200
- fast and simple selection between automatic functions and manual settings
- large, bright, touch-screen LCD monitor
- self-timer for shake-free exposures
- can be easily mounted on a spotting scope with the Leica Universal-Digital-Adapter 3

Leica Photo-Adapter

- all common brands of film and digital SLR cameras can be mounted on Leica APO-Televid spotting scopes with the aid of this high-quality photo adapter
- connection to the camera by readily available T2 adapters
- a telephoto focal length of 800 mm makes it possible to capture frame-filling and pin-sharp images from greater distances and into the close focus range
- suitable for use with full-format sensors, with no edge vignetting
- low weight of only 8.11 oz / 230 g

BURROWING OWL

Technical Data.

Product	Leica X2	Leica V-Lux 40
Order no.	black anodised 18 450 steel-grey anodised 18 452	18 175 (E-Version)
Lens	Leica Elmarit 1:2.8/24 ASPH. 8 elements in 6 groups, 1 aspherical lens	Leica DC Vario-Elmar 4.3 – 86 mm f/3.3 – 6.4 ASPH. (corresponds to 24 – 480 mm, 35 mm equivalent focal lengths), 12 elements 10 groups; aspherical lenses: 6 surfaces in 3 elements
Focal distance	f = 24 mm (35 mm, equivalent: 36 mm)	4,3–86 mm (equi valent: 24 – 480 mm)
Aperture	f 2.8/f 16.0 (1/3 EV steps)	f 3.3/f 6.4 (1/3 EV steps)
Focusing area	30 cm to infinity	P/A/S/M: 50 cm (wide)/2 m (tele) to infinity; Macro/Intelligent/Snapshot/Motion pictures: 3 cm (wide)/1 m (tele) to infinity
AF metering range	1-point, 11-point, spot, face detection	Face detection, AF tracking, multi-zone, 1 point, spot, touch field
Image sensor	16.5 MP, APS-C, CMOS image sensor (effective 16.2 MP)	1/2.33" CCD with 15.1 MP
Camera effective pixels	16.2 MP	14.1 MP
Flash exposure mode	Program mode (P), Aperture priority (A), Shutter speed priority (S), Manual setting (M)	Program mode (P), Aperture priority (A), Shutter speed priority (S), Manual setting (M)
Exposure metering	Multiple-field / Centre-weighted / Spot	Multiple-field / Centre-weighted / Spot
Shutter speed	30 s to 1/2000 s	15 s to 1/2000 s
Self-timer	3/12 s delay	3/10 s delay
Aspect ratio	3:2	1:1, 4:3, 3:2, 16:9
Image quality	JPEG Super Fine, JPEG Fine, DNG + JPEG Super Fine, DNG + JPEG Fine	JPEG Super Fine, JPEG Fine
Continuous shooting	3 fps or 5 fps, max. 8 consecutive exposures with constant shooting speed in DNG + JPEG fine quality	max. 2 p/s – 100/14 MP max. resolution max. 5 p/s – 100/14 MP max. resolution max. 10 p/s – 10/14 MP max. resolution max. 40 p/s – 50/5 MP max. resolution max. 60 p/s – 60/3.5 MP max. resolution
Video		AVCHD: 16:9-format: 1080p: 1920 x 1080 pixel (max. 29 min/recording),1080p: 1920 x 1080 pixel (max. 29 min/recording), 720p: 1280 x 720 pixel (max. 29 min/recording). MP4: 1080 pixel (max. 29 min/recording), 1280 x 720 pixel (max. 29 min/recording). 4:3-format: 640 x 480 pixel (max. 29 min/recording). QuickTime Motion JPEG (high-speed-video)
Built-in flash	Auto, flash exposure correction, red-eye correction, fill-in flash, slow sync, studio, 1st/2nd curtain sync	Auto, Auto/Red-eye reduction, On (On/Red-eye reduction), Auto Slow sync./Red-eye reduction, Off
Hot shoe	compatible with Leica SF 24D, Leica SF 58	
LCD display	2.7" monitor (colour TFT LCD) with 230,000 pixels, field of view: 100 %	3.0" TFT-LCD, approx. 460,800 pixels, touchscreen functionality
Storage medium	built-in memory (approx. 110 MB), SD memory card, SDHC memory card, SDXC memory card	built-in memory (approx. 12 MB), SD: 8 MB to 2 GB, SDHC: 4 GB to 32 GB, SDXC: 48 GB to 64 GB
Dimensions (W x H x D)	approx. 4.8 x 2.3 x 1.3 in / 124 x 59.5 x 32 mm	approx. 4.3 x 2.7 x 1.7 in / 110 x 66 x 43 mm
Weight	10.08 oz / 286 g without battery	9.5 oz / 270 g with memory card and battery
Scope of delivery	camera, battery (Leica BP-DC8), battery charger (Leica BC-DC8), battery case, leather carrying strap, USB cable, lens cap, user manual, Adobe® Photoshop® Lightroom® (free download option after camera registration)	camera, USB battery charger, rechargeable lithium-ion battery (Leica BP-DC7), hand strap, AV cable, USB cable, software DVDs, CD with detailed instructions, printed instruction booklet, DVD with additional map data, Adobe® Photoshop® Elements 10, Adobe® Premiere® Elements 10

Adapter	Leica X1/X2 Digiscoping-Adapter	Leica Universal-Digital-Adapter 3	Leica Photo-Adapter
Order no.	42 331	42 304	42 306

Well Informed …

… and equipped with the best – to make your nature observation a truly memorable experience.

The following pages present an overview of our practical accessories to complement your Leica equipment and make watching the world of nature even more enjoyable.

Would you like to know more about terms such as AquaDura® coating or HighLux-System HLS®? The following glossary explains the most important technical terms.

In addition, the following pages explore more products from our camera portfolio.

BALD EAGLE

Optional Accessories.
Useful and Practical.

Tripod adapter for binoculars

A stable platform for your binoculars is particularly helpful when viewing objects at greater distances or when you wish to focus precisely on a particular scene. The Leica tripod adapter enables simple and secure attachment of your binoculars on all standard tripods. It is quickly and easily attached to the flexible baseplate of the tripod adapter with elastic rubber belts.
Order no. 42220

Floating carrying strap

All Leica full-size binoculars are waterproof to a depth of 16.5 ft / 5 m. That is why we make a floating neoprene carrying strap to make sure they don't sink if the worst happens. Their eye-catching signal-orange colour offers optimum protection against complete loss in situations on or near the water.
Order no. 42163

Balance plate

Order no. 42225

Exclusive leather case in brown with belt loop and shoulder strap

For Ultravid BR/BL 20 and Trinovid BCA 20
Order no. 42323

For Ultravid BR/BL 25 and Trinovid BCA 25
Order no. 42324

Ever-ready case for APO-Televid spotting scopes

These tough and hard-wearing Cordura ever-ready cases with shoulder straps not only keep your APO-Televid safe and sound; they also ensure that it is ready to use whenever you need it. Thanks to the cleverly designed closing system – with extra openings for the front lens, eyepiece, focusing barrel and tripod mount – your spotting scope doesn't need to be taken out of its case for viewing and can be slung over your shoulder while still mounted on a tripod. The ever-ready case is available in two designs: one for straight-viewing spotting scopes and one for angled-viewing spotting scopes.

For APO-Televid 65 W (Angled)
Order no. 42311

For APO-Televid 65
Order no. 42312

For APO-Televid 82 W (Angled)
Order no. 42313

For APO-Televid 82
Order no. 42314

Glossary.
Technical, Mechanical, Optical.

ADC®

- ADC = Automatic Dioptre Compensation
- innovation featured in Duovid binoculars
- ADC® ensures the dioptre value you select is maintained when you switch from one magnification to the other (from 8 x to 12 x or 10 x to 15 x)

APO chromatic aberration correction

- the prefix APO stands for the apochromatic correction achieved by the use of special glasses containing fluoride
- this increases sharpness and contrast and prevents undesirable colour fringing

AquaDura® coating

- its water and dirt repellent properties guarantee a clear view – even in unfavourable weather conditions
- improves viewing comfort
- increased abrasion resistance protects the precious optical elements even more effectively against damage

ASPH.

- this abbreviation indicates the use of aspherical elements in an optical system
- the advantage of aspherical lenses is that light rays passing through the edges of the lens are refracted differently – this results in perfect edge-to-edge sharpness across the entire field of view

Resolving power

- the ability of an optical system to render the finest structures
- the higher the resolving power, the better the perception of details under adverse lighting conditions

Exit pupil

- bright, circular field that can be seen by looking through the eyepiece from a distance of around 11.8 in / 30 cm
- the exit pupil is calculated by dividing the front lens diameter by the magnification
- a sign of quality: the circular field should always be perfectly round with sharp edges

False light / stray light

- falsely refracted or reflected light causes reflections or undesirable bright spots and interferes with viewing comfort and the natural perception of the scene viewed
- stray light can be suppressed to a great extent by using precisely selected coatings and light-baffle systems

FL glass

- FL stands for special glass containing fluoride
- FL glass minimises colour fringing, increases contrast, and guarantees natural colour rendition
- very low light scattering means better correction of aberrations

HD

- stands for High Definition – the highest optical and mechanical quality
- features special fluoride glass materials
- features AquaDura® coating
- Ultravid HD focusing remains fully functional, even in extreme temperatures – with unerringly smooth action

HDC® multicoating

- HDC = High Durable Coating
- abrasion-resistant and transmission-enhancing multicoating applied to lenses
- perfect for outdoor situations thanks to the combination of a high degree of transparency and resistance to scratching

HighLux-System HLS®

- can significantly increase transmission, contrast and sharpness
- a system of mechanical measures for the reduction of stray light (e. g. baffles, anti-reflective paints, etc.) in combination with special reflective coating of prisms
- used in Duovid and Ultravid binoculars

Contrast

- the difference in brightness between the highlights and shadows in an image
- the greater this difference, the higher the contrast

Magnesium body / housing

- ideal material for protecting the optical elements from impact and vibration
- guaranteed endurance combined with extraordinarily light weight

Front lens diameter

- the greater the diameter of the front lens, the more light gathered by a pair of binoculars
- the ideal choice for anyone viewing predominantly in the twilight hours or at night is a pair of binoculars with a lens opening of 42 or 50 mm, or a spotting scope with a front lens diameter of 82 mm

Depth of field

- the distance between the closest and most distant objects in the image plane that are still rendered sharply without refocusing
- the lower the magnification factor, the greater the depth of field

Magnification

- magnification describes how much closer to the observer an observed object appears to be

  Example: in the case of 8 x magnification, an observer sees a bird at a distance of approx. 328 ft / 100 m as large as if it were only 41 ft / 12.5 m (100 : 8 = 12.5) away

Leica Cameras.
Perfect Pictures.

LEICA S

With the LEICA S, Leica has created a new reference class in professional digital photography. The Leica S-system breaks down the traditional barriers between 35 mm and medium-format photography. For the first time ever, it unites the handling and size of a 35 mm camera with a performance and quality that sets new standards in medium-format photography – for supreme image quality and maximum creative potential.

LEICA M

Since the introduction of the rangefinder system in 1954, Leica M film cameras have been considered by many photographers to be the perfect tool for capturing the fascination of a moment discreetly, silently and without hesitation. And of course in uncompromising quality. Today, it is the latest Leica M cameras, including the Leica M Monochrom that write new chapters in the success story of the M-System. Constructed by hand from only the finest materials, each of these cameras features a 24 x 36 mm full-format sensor and is compatible with the world's best lenses. The ultimate in rangefinder precision and cutting-edge digital technology makes the new generation the ideal tools for all contemporary photographers who set the most stringent demands on imaging quality and have a passion for conscious composition.

LEICA V-LUX 4

The Leica V-Lux 4 is so versatile that it takes simply every situation in its stride. Its fast (f/2.8) lens enables sharp exposures even in poor light and covers the enormous zoom range of 25 to 600 mm (35 mm equivalent). Thanks to its new electronic viewfinder, photographers have complete control over their subjects even in bright ambient light. Its 3-inch, free-angle LCD monitor screen makes it particularly easy to shoot from unusual angles. Furthermore, the V-Lux 4 features a fast continuous-shooting option and masters full-HD video recording at frame rates up to 60 fps – a camera that transforms every trip into a journey of discovery.

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